


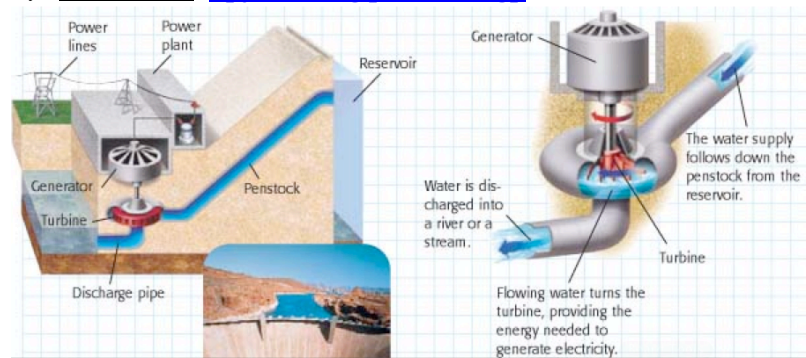
Agenda for Week of: March 11, 2013

Character Theme: Scholarship (sincere effort)

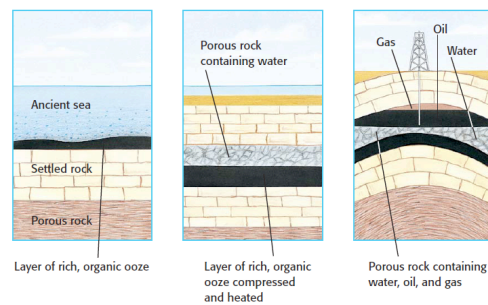
Guiding questions: 1) How many machines do you use on a daily basis? 2) How is our modern world fueled? What makes us capable of doing so much work?			
Date	Objectives	Vocabulary	Homework
Mon, 3/11	-Calculate mechanical advantage of simple machines	Review: <ul style="list-style-type: none"> Mechanical advantage Simple machine Compound machine 	1) Build a simple machine , calculate it's mechanical advantage, and bring to class 3/12. 2) Signed Progress Report (Due Wednesday)
Tue, 3/12	- <u>Machine Fair</u> : Demonstrate your simple machine and how you calculated its mechanical advantage		
Wed, 3/13	Ch 23.2: Energy & Resource Use -Where does our energy come from?	1) Fossil fuel 2) Nonrenewable resource 3) Carbon cycle	3) Read Chapter 23 Section 2 (Due Thursday) 4) Complete the "Concept Review Worksheet" (see reverse →) (Due Friday) 5) Vocabulary list for #1-8 (Due Monday, 3/18)
Thurs, 3/14	-Where does fuel go after it is burned?	4) Renewable resource 5) Geothermal energy	
Fri, 3/15	-How we generate electricity?	6) Turbine 7) Generator 8) Efficiency Preview: <ul style="list-style-type: none"> Alternating current Direct current 	

REMINDERS

- 1) Vocabulary lists: Please define each word or phrase you see in the "Vocabulary" column above. Please underline the word and write it's definition. **Under each definition, use the vocabulary word either in a meaningful sentence or an informative illustration.**
- 2) Textbook: Look for "**Science Spectrum**" under "High School Textbooks" in **SchoolNet** (log in using your **school ID#** as your ID and the password assigned to you. I can reset this for you if need!).
- 3) Calculator: Remember to bring your calculator to class every day! (Cell phones may *not* be used)
- 4) Homework counts for 10% of your grade and **SHOULD HELP** your grade!
- 5) Have questions? Stay for **tutoring** on Mondays and Thursdays in Room 324 from 2:45 – 3:30.
- 6) Contact me: kpjohnson@philasd.orgp.



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